



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bandyopadhyay et al.

Attorney Docket No.:
NOVLP088/NVLS-2882

Application No.: 10/825,888

Examiner: SMITH

Filed: April 16, 2004

Group: 2891

Title: METHOD TO IMPROVE MECHANICAL
STRENGTH OF LOW-K DIELECTRIC FILM
USING MODULATED UV EXPOSURE

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on September 19, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: _____

Tara Hayden

**INFORMATION DISCLOSURE STATEMENT
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, a copy of which is attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under §1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

09/22/2006 TTRAN1 00000019 10825888

01 FC:1806

180.00 0P

Accompanying this Information Disclosure Statement is

- ☐ a statement as specified in 37 CFR 1.97(e); or
- ☒ the fee set forth in 37 CFR 1.17(p).

If fees are due, enclosed is our Check No. 12370 for \$180.00 in payment of the Information Disclosure Statement Fee. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. NOVLP088).

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP



Denise S. Bergin
Registration No. 50,581

P.O. Box 70250
Oakland, CA 94612-0250



Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No. NOVLP088/NVLS-2882	Application No.: 10/825,888
	Applicant: Bandyopadhyay et al. Filing Date April 16, 2004	Group 2891

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A1	6,867,086 B1	03.2005	Chen et al.			
	A2	6,903,004	06.2005	Spencer et al.			
	A3	6,232,658 B1	05.2001	Catabay et al.			
	A4	6,171,661	01.2001	Zheng et al.			
	A5	2002/0016085	02.2002	Huang et al.			
	A6	6,455,417	09.2002	Bao et al.			
	A7	7,018,918	03.2006	Kloster et al.			
	A8	6,849,549	02.2005	Chiou et al.			
	A9	2002/0141024 A1	10.2002	Retschke et al.			
	A10	2002/0064341 A1	05.2002	Fauver et al.			
	A11	7,094,713 B1	08.22.06	Niu et al.			
	A12	6,306,564	10.2001	Mullee, William H.			
	A13	2003/0066544 A1	04.2003	Jur et al.			
	A14	6,149,828 A	11.2000	Vaartstra, Brian A.			
	A15	6,943,121 B2	09.2005	Leu et al.			
	A16	2004/0102032 A1	05.2004	Kloster et al.			
	A17	2006/0110931 A1	05.2006	Fukazawa et al.			
	A18	7,087,271 B2	08.2006	Rhee et al.			

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C1	U.S. Office Action mailed May 31, 2006, from U.S Application No. 10/941,502 [Atty Dkt No. NOVLP107/NVLS-2932].
	C2	U.S. Office Action mailed May 30, 2006, from U.S Application No. 10/785,235 [Atty Dkt No. NOVLP085/NVLS-2875].
	C3	U.S. Office Action mailed May 31, 2006, from U.S Application No. 10/849,568 [Atty Dkt No. NOVLP083/NVLS-2867].
	C4	U.S. Office Action mailed May 2, 2006, from U.S Application No. 11/050,621 [Atty Dkt No. NOVLP100/NVLS-2956].
	C5	U.S. Office Action mailed June 15, 2006, from U.S Application No. 10/800,409 [Atty Dkt No. NOVLP098/NVLS-2907].
	C6	Kelman et al., "Method for Reducing Stress in Porous Dielectric Films", U.S. Application No. 11/369,311, filed March 6, 2006 (Atty Dkt: NOVLP154/NVLS-3121)
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	Application No.:
	NOVLP088/NVLS-2882	10/825,888
	Applicant:	
	Bandyopadhyay et al.	
	Filing Date	Group
	April 16, 2004	2891

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C7	U.S. Office Action mailed May 2, 2006, from U.S Application No. 10/295,965.
	C8	U.S. Office Action mailed August 9, 2005, from U.S Application No. 10/295,965.
	C9	U.S. Office Action mailed June 14, 2006, from U.S Application No. 10/789,103 [Atty Dkt No. NOVLP094/NVLS-2919].
	C10	U.S. Office Action mailed September 8, 2006, from U.S Application No. 10/404,693 [Atty Dkt No. NOVLP064/NVLS-794].
	C11	U.S. Office Action mailed September 7, 2006, from U.S Application No. 10/820,525 [Atty Dkt No. NOVLP091/NVLS-2889].
	C12	U.S. Office Action mailed July 12, 2006, from U.S Application No. 10/672,305 [Atty Dkt No. NOVLP069/NVLS-2821].
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.